

Upperizon U160QH-C

Upperizon Portable Monitor U160QH-C 16-inch 2K QHD Instruction Manual

Model: U160QH-C

Brand: Upperizon

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Upperizon Portable Monitor U160QH-C. This 16-inch portable display features a 2560x1600 QHD resolution, 120Hz refresh rate, 450 nits brightness, 106% sRGB color gamut, and HDR support. It is designed for versatile use with laptops, MacBooks, PCs, and gaming consoles, offering enhanced productivity and entertainment on the go.



Image: The Upperizon 16-inch portable monitor, showcasing its high-resolution display and key technical specifications.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 × Upperizon 16" Portable Monitor
- 1 × Smart Cover
- 1 × 30W Power Adapter
- 2 × USB-C to USB-C Display Cables
- 1 × HDMI Cable



Image: An illustration of all items included in the Upperizon Portable Monitor package.

SETUP

Follow these steps to connect your portable monitor to various devices.

Connectivity Options

The monitor is equipped with one standard HDMI port and two full-function USB-C ports. These ports allow for flexible connections to a wide range of devices.



Image: Close-up view of the monitor's input ports and control buttons.

Connecting to Laptops/PCs (USB-C)

1. Ensure your laptop's USB-C port supports **Thunderbolt 3/4/5** or **DisplayPort Alternate Mode** for video output.
2. Connect one end of the provided USB-C to USB-C cable to a full-function USB-C port on the monitor.
3. Connect the other end of the USB-C cable to the compatible USB-C port on your laptop.
4. For power, connect the 30W PD adapter to the other USB-C port on the monitor. Using the original power adapter is recommended to prevent screen flickering.

Single USB-C Cable Connection



Extended Mode



Duplicated Mode



Tips:

- a) Ensure the USB-C port on your device supports **Thunderbolt 3/4/5** or **DisplayPort**
- b) Use the **Original Power Adapter** to avoid screen flickering
- c) **Turn Up the Brightness** manually if the screen is dim

Image: Monitor connected to a laptop, illustrating single USB-C cable connection for both extended and duplicated display modes.

16:10 Monitor Matching Mac

The 16" 2.5K 16:10 screen seamlessly matches a 16" MacBook without black bars, unlike other 15.6" 16:9 screens

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16" 16:10

Other



15.6" 16:9



Image: The portable monitor connected to a laptop, emphasizing its compatibility and the use of the original power adapter.

Connecting to MacBooks (USB-C)

1. Connect one end of the provided USB-C to USB-C cable to a full-function USB-C port on the

monitor.

2. Connect the other end of the USB-C cable to a Thunderbolt port on your MacBook (Apple M1/M2/M3/M4 Chip or Intel Processor).
3. For older MacBooks without Thunderbolt/DisplayPort over USB-C, a Mini DisplayPort to HDMI adapter may be required.
4. Ensure the USB-C port on your device is Thunderbolt 3/4/5 or supports DisplayPort. Front USB-C ports on Mac Mini M4 series do not support signal output.



Image: Connection guide for MacBooks, detailing compatible USB-C port types.



Image: The 16:10 aspect ratio monitor seamlessly matching a MacBook display.

Connecting to Gaming Consoles (HDMI)

1. Connect one end of the provided HDMI cable to the HDMI port on the monitor.
2. Connect the other end of the HDMI cable to the HDMI output of your gaming console (e.g., PS5, Xbox).
3. Power the monitor using the 30W PD adapter connected to a USB-C port.
4. **Note:** For Nintendo Switch, please use HDMI for connection; USB-C is not compatible.

Magnetic Protective Cover as a Stand

Optimize your viewing comfort with adjustable angles



Durable Stand



Dustproof



Magnetic

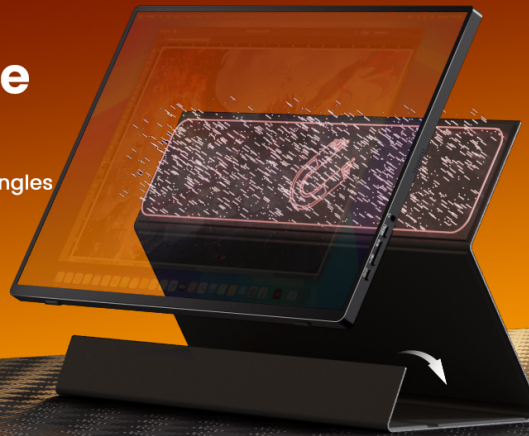


Image: The monitor connected to a PS5, demonstrating 2K 120Hz gaming capability.

OPERATING INSTRUCTIONS

Display Modes

When connected to a computer, the monitor supports various display modes:

- **Extended Mode:** Expands your desktop across both screens, providing more workspace.
- **Duplicated Mode (Mirror Mode):** Duplicates your primary screen's content onto the portable monitor.
- **Portrait Mode:** Allows the monitor to be used vertically for specific tasks. (Note: Portrait mode is not supported when connecting to an iPad or smartphone).

Portable Monitor for Laptop

Equipped with two USB-C ports and an HDMI port, this monitor is compatible with laptops



*Please use the Original Power Adapter to avoid screen flickering

Image: The monitor used as a second computer monitor in various configurations.

On-Screen Display (OSD) Menu

Use the physical buttons on the monitor to navigate and adjust settings via the OSD menu. Controls typically include:

- **Menu/Enter:** Accesses the OSD menu and confirms selections.
- **Brightness/Up:** Adjusts screen brightness and navigates up in menus.
- **Volume/Down:** Adjusts audio volume and navigates down in menus.
- **Power/Return:** Turns the monitor on/off and returns to the previous menu.

Portable Laptop Screen

As a main screen for mini hosts, such as Mac mini, Mac studio, mini PC, etc
Please connect the monitor to the Thunderbolt port on the Mac mini M4 series



Image: Monitor controls and OSD menu for adjusting settings.

Display Features

- **Resolution:** 2560x1600 QHD for clear visuals.
- **Refresh Rate:** Up to 120Hz via HDMI or 144Hz via USB-C for smooth motion.
- **HDR:** High Dynamic Range technology for enhanced contrast and color. Enable HDR in the OSD menu (set to Auto) and in your device's display settings.
- **Color Accuracy:** 106% sRGB color gamut and 10-bit color depth (1.07 billion colors) for vibrant and accurate colors.
- **FreeSync:** Adaptive sync technology to minimize screen tearing and stuttering during gaming.
- **Game Crosshair:** Enhance FPS gaming with customizable crosshairs available through the OSD menu.



Image: HDR technology settings in the monitor's OSD menu.



Image: Demonstration of the Game Crosshair feature for enhanced gaming.

MAINTENANCE

Screen Care

The IPS LCD panel features an anti-glare matte screen. To clean, gently wipe with a soft, lint-free cloth. Avoid harsh chemicals or abrasive materials that could damage the screen surface.

Protective Cover

The included smart cover protects the monitor from scratches and bumps during transport. It also functions as an adjustable stand, optimizing viewing comfort.

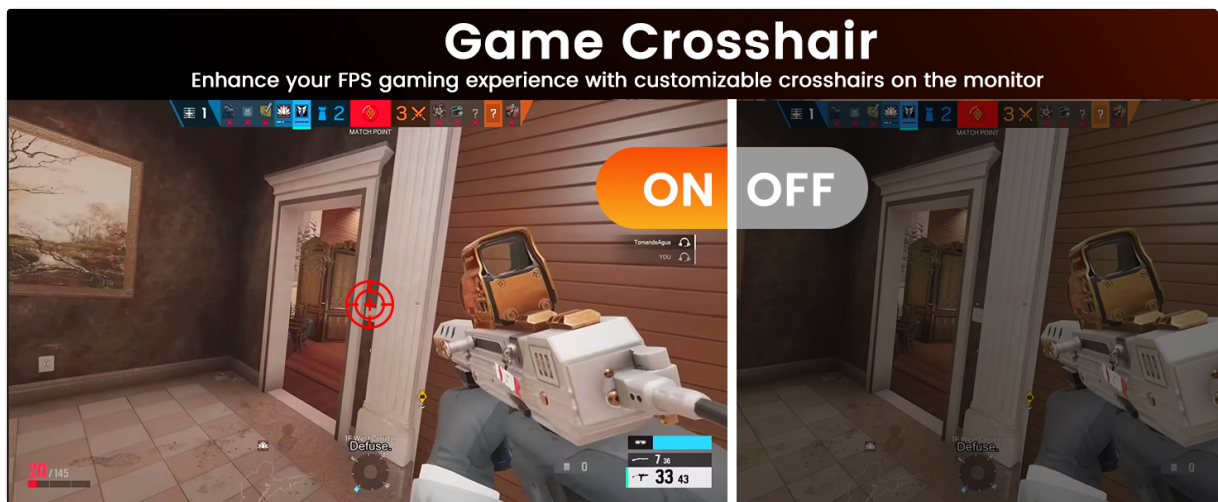


Image: The magnetic protective cover serving as a stand for the monitor.

VESA Mounting

The monitor features four VESA mount holes (75x75mm, M4*5mm screw size) for attaching to compatible arms or wall mounts. This allows for ergonomic setups in various environments.

Plug & Play Widely Compatible



Use the On-Screen Display(OSD) Menu



Menu/Enter
Brightness/Up
Volume/Down
Power/Return



Image: The monitor mounted on a VESA arm, illustrating its VESA compatibility.

TROUBLESHOOTING

- **Screen Flickering:** If the screen flickers, ensure you are using the original 30W PD power adapter provided with the monitor. Insufficient power can cause instability.
- **Dim Screen:** If the screen appears dim, manually adjust the brightness using the OSD menu buttons.
- **"No Signal" on Mac Mini M4 Series:** Ensure you connect the monitor to the Thunderbolt port on the Mac Mini. The front two USB-C ports on the Mac Mini M4 series do not support signal output.
- **No Display:** Verify all cables are securely connected. Check if your device's USB-C port supports video output (Thunderbolt or DisplayPort Alt Mode). Ensure the monitor is receiving adequate power.
- **No Audio:** Check the volume settings on both the monitor (via OSD) and your connected device. Ensure the correct audio output device is selected on your computer.

SPECIFICATIONS

Feature	Detail
Model Number	U160QH-C
Screen Size	16 Inches
Resolution	2560 x 1600 Pixels (QHD 1600p)
Aspect Ratio	16:10
Image Brightness	450 Candela (nits)
Color Gamut	106% sRGB
Color Depth	10-bit (1.07 billion colors)
Contrast Ratio	1200:1
Refresh Rate (HDMI)	Up to 120Hz
Refresh Rate (USB-C)	Up to 144Hz
Panel Type	IPS LCD

Screen Surface	Matte (Anti-glare)
HDR Support	Yes
VESA Compatibility	75x75mm
Product Dimensions	0.37 x 13.89 x 8.93 inches
Item Weight (Monitor only)	1.76 pounds (800g)
Item Weight (with Cover)	2.68 pounds (1220g)
Voltage	5 Volts



Image: Physical dimensions and weight of the portable monitor.